Under the Paperwork Reduction Act of 1995, no persons are require	U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE of to respond to a collection of information unless it displays a valid OMB control number
UTILITY	Attorney Docket No. ARC920000109US4
	First Inventor Qing DAI et al.
PATENT APPLICATION	Title MAGNETIC RECORDING HEAD
TRANSMITTAL	HAVING A CORROSION-
INANSIMITIAL	PROTECTIVE LAYER OF A
	METAL SALT OF A
(Only for new nonprovisional applications under 37 CFR 1.53(b))	PERFLUORINATED POLYETHER
(5.1) 15. 11. 11. 11. 11. 11. 11. 11. 11. 11.	ACID
	Express Mail Label No. EV 327 534 903 US O
APPLICATION ELEMENTS	Mail Stop Patent Application
	ADDRESS TO: Commissioner for Patents
See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Alexandria, VA 22313-1450 Alexandria, Lorent bible of Commuter
1. Signature from (e.g., PTO/SE/17) (Submit an onlypial and adjusted for the processing) 2. Applicant claims small entity status. See 37 CFR 1.27. 3. Specification (Total prages 29 + cover page) (preferred amognament set fesh below) Coros Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence isting, a table, or a computer program itsing appendix - Background of the Invention	Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. □ Computer Readable Form (CRF) b. Specification Sequence Listing on:
- Brief Summary of the Invention	ACCOMPANYING APPLICATION PARTS
- Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure - Abstract of Total Studies - Abstract of Total Studi	9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement — Power of Attorney (when there is an assignee) 11. English Translation Document (if applicable) 12. Information Disclosure — Copies of IDS Statement (IDS)/PTO-1449 13. Preliminary Amendment 14. Seturn Receip! Postard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76	(if foreign priority is claimed) 16. □ Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

can only be relied	upon when a portion has been inadve	ertently omitte	d from the submitt	ed application parts.					
		19. CO	RRESPONDENCE	ADDRESS					
□ Customer Number of Bar Code Label		23980			or Correspondence address below				
Name	Dianne E. Reed								
Address	REED & EBERLE LLP								
Address	800 Menlo Avenue, Suit	800 Menlo Avenue, Suite 210							
City	Menlo Park		State	CA		Zip Code	94025		
A	1104		Tataahaaa	(050) 220 0000		F	(050) 220 0000		

18. a. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a pretiminary amendment, or in an

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation

Application Data Sheet under 37 CFR 1.76:

Name (Print/Type)

Signature

Includion Data Sireet under 9° CFR 1.70.

☐ Continuation ☐ Divisional ☐ Continuation-In-pi
Prior application information: Examiner: Steven A. Resan

b. ☐ This application claims priority to Provisional Application Serial No.

Dianne E. Reed

17. Other:

Continuation-in-part (CIP) of prior application No.: _-09/759,117, filed 1/11/01 Group / Art Unit: 1773

> Registration No. (Attorney/Agent) 31,292 Date

July 31, 2003

i !

FEE TRANSMITTAL for FY 2003 Effective 01/01/03. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

	L	Compi te it Kn wn
	Application Number	Unassigned
	Filing Date	C ncurrently herewith
	First Named Inventor	Qing DAI et al.
	Examiner Name	Unassigned
1	Group Art Unit	Unassigned
	Attomory Docket No.	ADC00000400UC4

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
	3. ADD	ITIONAL	FEES			
Check Credit card Money Order Other None		Entity		Entity		
	Fee	Fee	Fee	Fee	Fee Description	Fee Pald
Deposit Account:	Code	(\$)	Code	(\$)		
Deposit Account No. 50-2587	1051	130	2051	65	Surcharge - late filing fee or oath	
Deposit Account Name Hitach Global Storage	1052	50	2052	25	Surcharge - late provisional filing	
Technologies, Inc.	1		ł		fee or cover sheet	
The Commissioner is authorized to: (check all that apply)	1053	130	1053	130	Non-English specification	
Charge fee(s) indicated below Charge any underpayment or credit any overpayments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
Charge any additional fee(s) during the pendency of this application	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filling fee to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
	1251	110	2251	55	Extension for reply within first	-
FEE CALCULATION	1252	410	2252	205	month	
1. BASIC FILING FEE					Extension for reply within second month	
Large Entity Small Entity	1253	930	2253	465	Extension for reply within third month	
Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254	1,450	2254	725	Extension for reply within fourth month	
1001 750 2001 375 Utility filing fee \$750 1002 330 2002 165 Design filing fee	1255	1,970	2255	985	Extension for reply within fifth	
1003 520 2003 260 Plant filing fee	1401	320	2401	160	month	
1004 750 2004 375 Reissue filing fee	1401	320	2401	160	Notice of Appeal Filing a brief in support of an	
1005 160 2005 80 Provisional filing fee			}		appeal	
	1403	280	2403	140	Request for oral hearing	
SUBTOTAL (1) \$750	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1452	110	2452	55	Petition to revive - unavoidable	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453	1,300	2453	650	Petition to revive - unintentional	
Extra Fee from Fee Paid	1501	1,300	2501	650	Utility issue fee (or reissue)	
Claims below	1502	470	2502	235	Design issue fee	
Total Claims 11 - 20** = 0 x 18 = \$0	1503	630	2503	315	Plant issue fee	
Independent 1 -3*** 0 x 84 = \$0	1460	130	1460	130	Petitions to the Commissioner	
Claims	1807	50	1807	50	Processing fee under 37 CFR 1.17(a)	
	1806	180	1806	180	Submission of Information Disclosure Stmt	
Large Entity Small Entity	8021	40	8021	40	Recording each patent assignment	
Fee Fee Fee Fee <u>Fee Description</u> Code (\$) Code (\$)	1 002.			70	per property (times number of properties)	1
1202 18 2202 9 Claim in excess of 20	1809	750	2809	375	Filing a submission after final	
1201 84 2201 42 Independent claims in excess of 3	,,,,,	130	2009	5/5	rejection (37 CFR § 1.129(a))	1)
1203 280 2203 140 Multiple dependent claim, if not paid 1204 84 2204 42 ** Reissue independent claims over	1810	750	2810	375	For each additional invention to be	
original patent	1801	750	2801	375	examined (37 CFR § 1.129(b)) Request for Continued Examination	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent					(RCE)	
	1802	900	1802	900	Request for expedited examination	1
SUBTOTAL (2) \$0	Other fe	e (specify)	1		of a design application	
			c Filing Fe	e Paid	SUBTOTAL (3)	\$0
**or number previously paid, if greater, For Reissues, see above		-				

SUBMITTED BY				Complete (if applicable)
Name (Print/Type) Dianne E. Reed		Registration No. (Attorney/Agent) 31,292	Telephone	(650) 330-0900
Signature name &	Oel	1	Date	July 31, 2003